

2016 BCS Disease Detectives Test Answer Sheet

Score _____

Team Name _____ Team # _____

Students Names _____

1. Match the following. (1 point each-10 points)

- | | |
|----------|-----------|
| 1. _____ | 6. _____ |
| 2. _____ | 7. _____ |
| 3. _____ | 8. _____ |
| 4. _____ | 9. _____ |
| 5. _____ | 10. _____ |

2. Ten Steps of investigating an outbreak (5 Points)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

3. Types of Study (2 points each, 10 points)

- | | |
|--------------|------------|
| (i). _____ | (iv) _____ |
| (ii). _____ | (v) _____ |
| (iii). _____ | |

4. Epidemic Curve interpretation (Questions A; 4 points, other questions 2 points each- Total 10 points)

A. _____

B. _____

C. _____

D. _____

5. Calculation of mortality rates (2 points each, 10 points)

(i). _____

(iv) _____

(ii). _____

(v) _____

(iii). _____

6.

A. _____

B.

C.

7. Case Study 1

1. _____

2. _____

3. _____

4. _____

		Number of		
		cases	Population	Incidence
Age group (In years)	0 to4	6	113	
	5 to14	4	190	
	15 to24	5	128	
	25 to34	5	144	
	35 to44	6	129	
	45 to54	4	88	
	55 to64	8	67	
	> 65	3	87	
Sex	Male	17	481	
	Female	24	465	
Total	Total	41	946	

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

8. Case Study 2: Skin Cancer Epidemiology and Prevention

1. _____

2. Referring to the chart, give the 1998 incidence rate for the following groups: (4 points)

White Men _____

White Women _____

Black Men _____

Black Women _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____
